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Claims

1. A washing method comprising:

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disposing, in an outer casing filled with a cleaning liquid and tightly sealed, a cylindrical basket-like washing tub of which a central shaft is disposed in a horizontal direction;

placing a laundry article in the cylindrical basketlike washing tub; and

rotating the cylindrical basket-like washing tub about the central shaft in such a manner that the laundry article maintains a near-zero gravity state and is spread out so as to be increased in contact area with the cleaning liquid in the cylindrical basket-like washing tub.

2. The washing method according to claim 1, wherein

a wavy patterned surface is formed on an inner periphery of the cylindrical basket-like washing tub along a circumferential direction for causing the cleaning liquid to flow toward a center of the cylindrical basket-like washing tub when the cylindrical basket-like washing tub is rotated;

the cylindrical basket-like washing tub has an inner diameter of less than 500 mm and is rotated for 60 to 120 times per minute; and

the wavy pattered surface is in the form of a sine curve having protrusions protruding in a radial direction of the cylindrical basket-like washing tub.

3. The washing method according to claim 1, wherein a wavy patterned surface is formed on an inner periphery of the cylindrical basket-like washing tub along a circumferential direction for causing the cleaning

liquid to flow toward a center of the cylindrical basketlike washing tub when the cylindrical basket-like washing tub is rotated;

the cylindrical basket-like washing tub has an inner diameter of more than or equal to 500 mm and is rotated for 5 to 60 times per minute; and

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the wavy pattered surface is in the form of a sine curve having protrusions protruding in a radial direction of the cylindrical basket-like washing tub.

- 4. The washing method according to claim 3, wherein the cylindrical basket-like washing tub is rotated normally and reversely with regularity when the cylindrical basket-like washing tub is rotated for 10 or more times per minute.
- 5. The washing method according to claim 2, wherein the wavy patterned surface is formed of protruding parts disposed on the inner periphery of the cylindrical basket-like washing tub parallelly to one another at a constant interval along the circumferential direction,

 20 each of the protruding parts extending in a longitudinal direction of the cylindrical basket-like washing tub; and

a height of each of the protruding parts is set to from 3.0% to 6.0% of the inner diameter D of the cylindrical basket-like washing tub.

6. The washing method according to claim 3, wherein the wavy patterned surface is formed of protruding parts disposed on the inner periphery of the cylindrical basket-like washing tub parallelly to one another at a constant interval along the circumferential direction,

30 each of the protruding parts extending in a longitudinal

direction of the cylindrical basket-like washing tub; and a height of each of the protruding parts is set to from 3.0% to 6.0% of the inner diameter D of the cylindrical basket-like washing tub.

7. The washing method according to claim 4, wherein the wavy patterned surface is formed of protruding parts disposed on the inner periphery of the cylindrical basket-like washing tub parallelly to one another at a constant interval along the circumferential direction, each of the protruding parts extending in a longitudinal direction of the cylindrical basket-like washing tub; and

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a height of each of the protruding parts is set to from 3.0% to 6.0% of the inner diameter D of the cylindrical basket-like washing tub.

- 8. The washing method according to claim 1, wherein the cylindrical basket-like washing tub is rotated intermittently.
- 9. The washing method according to claim 1, wherein the cleaning liquid in the cylindrical basket-like washing tub is increased or decreased in pressure by a pressure change device.